Patent claims

1. A coextruded, at least two-layer, transparent, biaxially oriented polyester film with at least one base layer B which comprises at least 80% by weight of thermoplastic polyester, and with at least one overlayer A coextruded on the base layer B, and with at least one acrylic coating D, wherein

   a) fillers present in the base layer B are only those which are introduced into the base layer B by way of reground cut material;
   b) the overlayer A comprises an amount of from 500 to 2500 ppm of fillers, based on the weight of the overlayer A,
   c) the fillers are substantially composed of SiO_2 with a median particle diameter d_{50} of from 10 to 60 nm and/or from 1.0 to 5 µm; and wherein
   d) at least one of the two surfaces of the film has a continuous crosslinked acrylic coating D which is applied in the form of an aqueous dispersion to the film.

2. The film as claimed in claim 1, which has three layers and is composed of the base layer B and the overlayers A and C on the two sides of the base layer B.

3. The film as claimed in claim 1, which has three layers and is composed of the base layer B and the overlayers A and C, where A = C, on the two sides of the base layer B.

4. The film as claimed in claim 1, wherein the coextruded overlayer A and, optionally, the coextruded overlayer C, comprises fillers in which the spread of the particle diameter d, expressed as SPAN98, is smaller than or equal to 1.9.

5. The film as claimed in claim 1, wherein the acrylic coating D comprises an emulsion copolymer composed of alkyl acrylate and alkyl methacrylate, in which the proportion of the acrylate comonomer present is from 15 to 65 mol% and the proportion of the methacrylate comonomer is from 35 to 85 mol%, based on the total amount of

emulsion copolymer, other comonomers, such as N-methylolacrylamide or N-methylolmethacrylamide, also being present in order to develop crosslinking.

6. A process for producing a film as claimed in claim 1 , encompassing the steps of:

- producing a multilayer film composed of a base layer B and overlayer(s) A and, optionally, C, by coextrusion;
- biaxial stretching of the film, first longitudinally and then transversely;
- coating of the film with the crosslinking acrylic coating D;
- heat-setting of the stretched film.

7. The process as claimed in claim 6, wherein an amount of up to 60% by weight, based on the weight of the base layer, of reground cut material is added to the base layer B.

8. The printing or metallizing film formed from film according to claim 1.

9. Packaging film for food or other consumable items.

* * * * *